

IN THE CLAIMS

Please add claims 44-53 as follows.

Sub 44. The modular structure of claim 1 wherein the plurality of modules are each horizontally elongated.

a 45. The modular structure of claim 1 further comprising medical equipment inside the treatment area, wherein the medical equipment is adapted to therapeutically treat a patient with radiation and the barrier is effective to substantially reduce the measurable radiation level outside the central treatment area when the patient is being therapeutically treated with the radiation inside the treatment area.

46. The modular structure of claim 45 wherein the medical equipment is mounted on a portion of one of the modules that is separately removable from the treatment area to allow withdrawal and replacement of the medical equipment without substantial disturbance of the portion of the barrier that is spaced from the separately removable portion of the module.

47. The modular structure of claim 45 wherein the radiation shielding filler material surrounds a substantial portion of the central treatment area as a continuous fill between the first and second spaced apart walls.

48. A structure for housing a therapeutic radiation source comprising:
a plurality of free standing transportable modules connected to form a central medical treatment area,

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a barrier of radiation shielding material substantially surrounding the treatment area; and
medical equipment in the central treatment area adapted to therapeutically treat a patient with radiation wherein the barrier is effective to substantially reduce the measurable radiation level outside the central treatment area when the patient is being therapeutically treated with the radiation inside the treatment area;

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wherein the medical equipment is mounted on a portion of one of the modules that is separately removable from the treatment area to allow withdrawal and replacement of the medical equipment without substantial disturbance of the portion of the barrier that is spaced from the portion of the module that is separately removable.

(49) The structure of claim 48 further comprising:

a radiation shielding door granting access to the central treatment area and a radiation shielding retractable threshold adjacent the door; and

a lifting mechanism for selectively raising and lowering the threshold.

50. The structure of claim 48 wherein the plurality of modules are each horizontally elongated.

51. The apparatus of claim 30 wherein the major axis of the of the plurality of modules is substantially horizontal when the modules are connected to each other to form a barrier zone substantially surrounding a central treatment area.